

ABSTRACT OF THE DISCLOSURE

An electronic part mounting apparatus includes a chamber for cleaning a substrate and an electronic part by plasma, a mounting mechanism for mounting the electronic part on the electronic part, and a conveying robot for conveying the substrate and the electronic part from the chamber to the mounting mechanism. After plasma cleaned, the substrate and the electronic part are swiftly conveyed to the mounting mechanism by the conveying robot. After the electronic part is mounted on the substrate by the mounting mechanism, the resultant combination of them is pulse heated. Therefore, the electronic part is appropriately mounted on the substrate in a state that those are exposed to the air. A part mounting mechanism is simplified.